

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/006792

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01N27/90

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 389 876 A (HEDENGREN KRISTINA H V ET AL) 14 February 1995 (1995-02-14) cited in the application	1-9, 11, 12
Y	column 6, line 22 - column 8, line 55; claims 1, 12, 16, 21; figures 2C, 4	10
Y	US 5 315 234 A (SUTTON JR GEORGE H ET AL) 24 May 1994 (1994-05-24) column 10, lines 61-66; figure 9	10
P, X	WO 03/060530 A (BAER LUDWIG ; HEINRICH WERNER (DE); SIEMENS AG (DE)) 24 July 2003 (2003-07-24) the whole document	1-9, 11, 12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

15 September 2004

Date of mailing of the international search report

24/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 1998, no. 12, 31 October 1998 (1998-10-31) &amp; JP 10 197492 A (TOSHIBA CORP), 31 July 1998 (1998-07-31) abstract; figure -----</p>	4, 5, 8

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5389876	A	14-02-1995	DE 69221367 D1 DE 69221367 T2 EP 0512796 A2 JP 5142205 A	11-09-1997 19-03-1998 11-11-1992 08-06-1993
US 5315234	A	24-05-1994	DE 69319504 D1 DE 69319504 T2 EP 0577244 A2	13-08-1998 25-03-1999 05-01-1994
WO 03060530	A	24-07-2003	EP 1329730 A1 WO 03060530 A1	23-07-2003 24-07-2003
JP 10197492	A	31-07-1998	NONE	